

Fig. 1

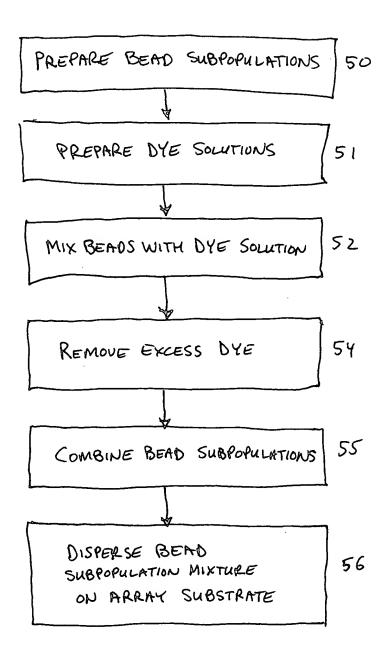


Fig. 2

TO COLL ADBAY DRODACATION		folishee Filmoptic Bundle Bundle	Etcheal Filer Optic Bundle Microwells	FILL MICHOWELLS  FILL MICHOWELLS  FILL MICHOWELLS  FILL MICHOWELLS	(B) Randómly Company (B)
		SUBPOPULATION			F.9.3
H	BEAD SUBPOPULATION PREPARATION	SUBPOPULATION A  B  POLYMER A+OYE  B  D	SUBPOPULATION B ROLYMER B + DYE SUBPOPULATION C SUBPOPULATION C SUBPOPULATION C	Sub Population 0  POLYMER 0 + 04E	SUBPORULATION E POLYMER E + DYE (A)

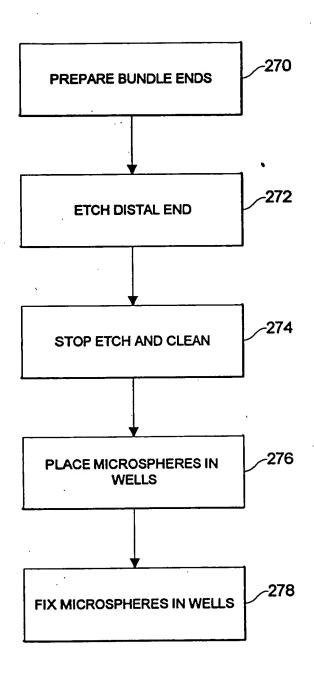
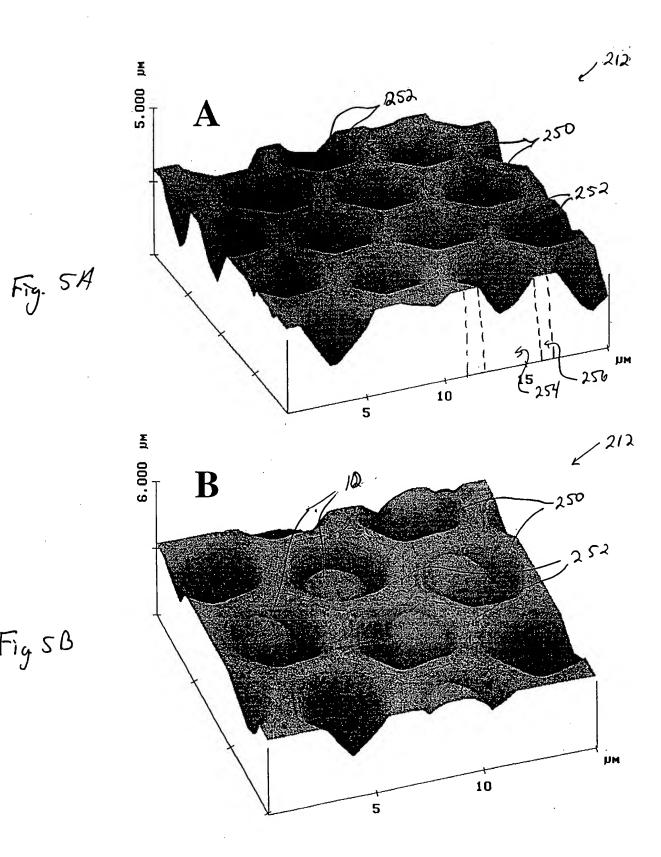
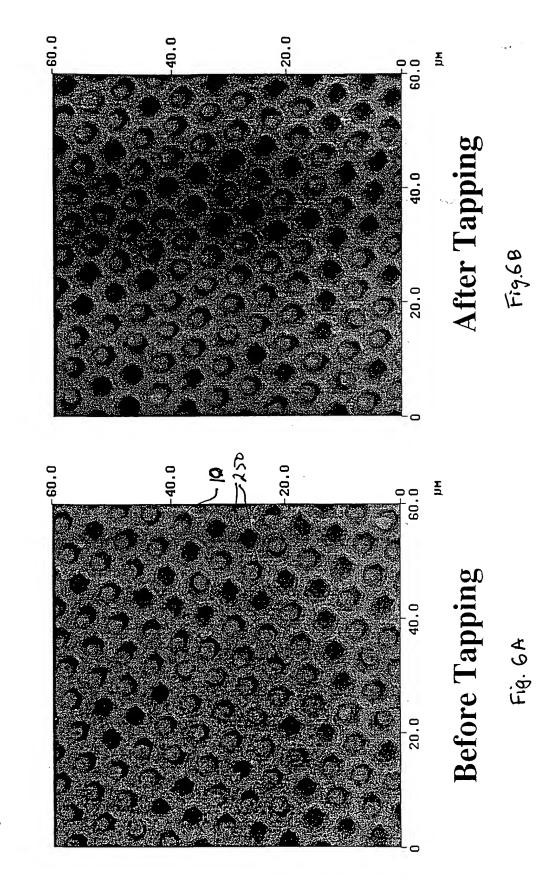


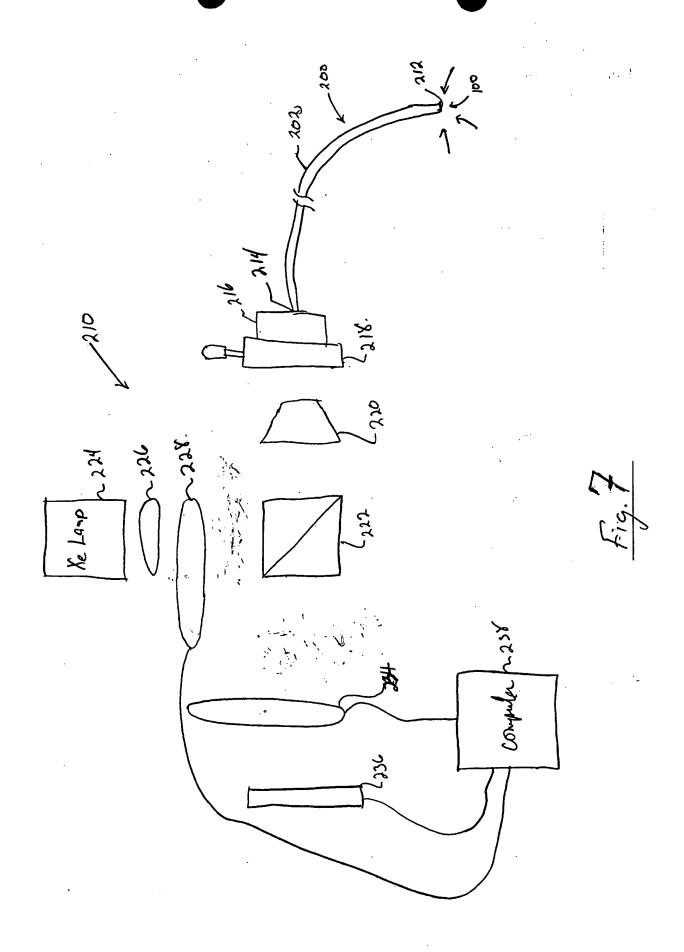
Fig. 4

Fig SB



Polymer Coated Beads in Wells After Air Pulse and Tapping





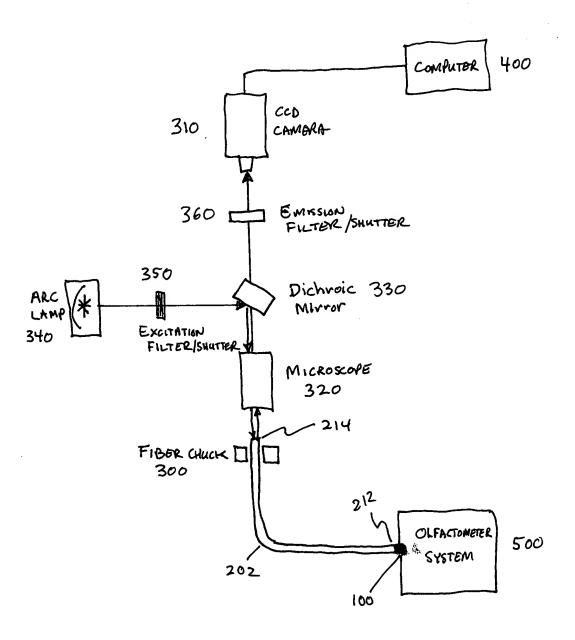
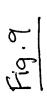


Fig. 8



Porous 3µm silica beads high-speed response to Saturated Toluene

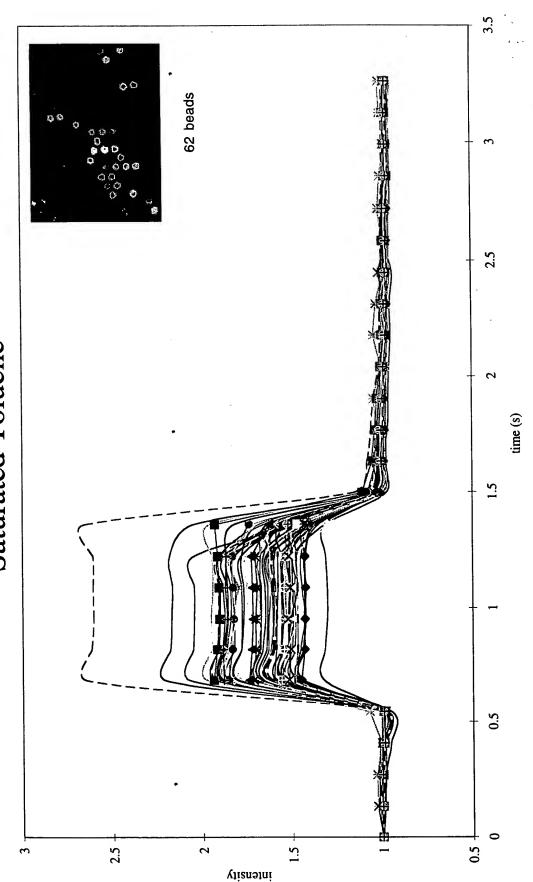
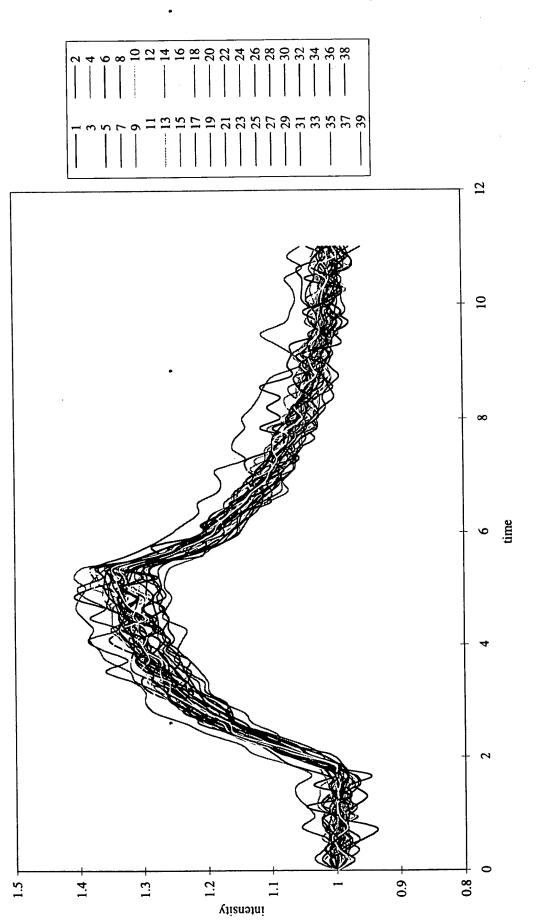




Fig. 10

# PMS Beads in Fiber: Response to Methanol (sat)

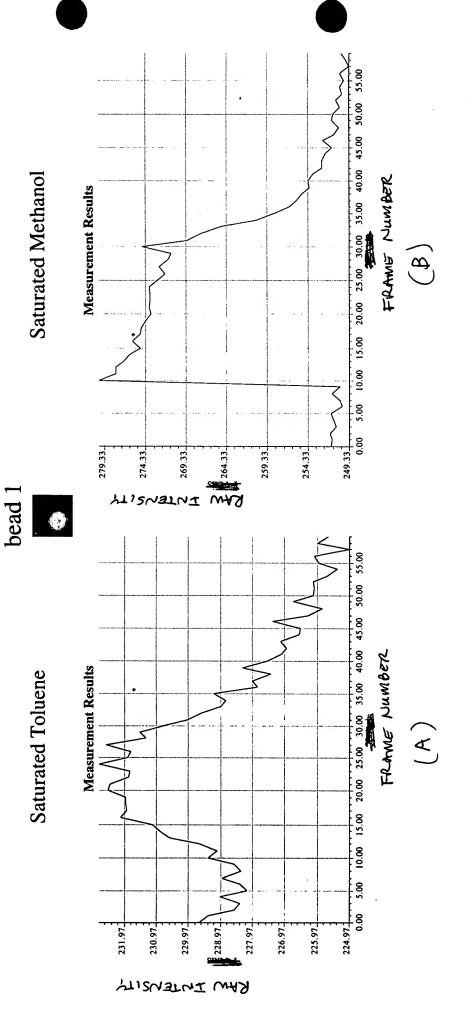
39 beads, mid-fiber region: centroid ovals, standardized responses





#### Fig. 11 1/118

### PS802 648.c Beads



PDPO/psil 9/11

Fig. 12A/12B

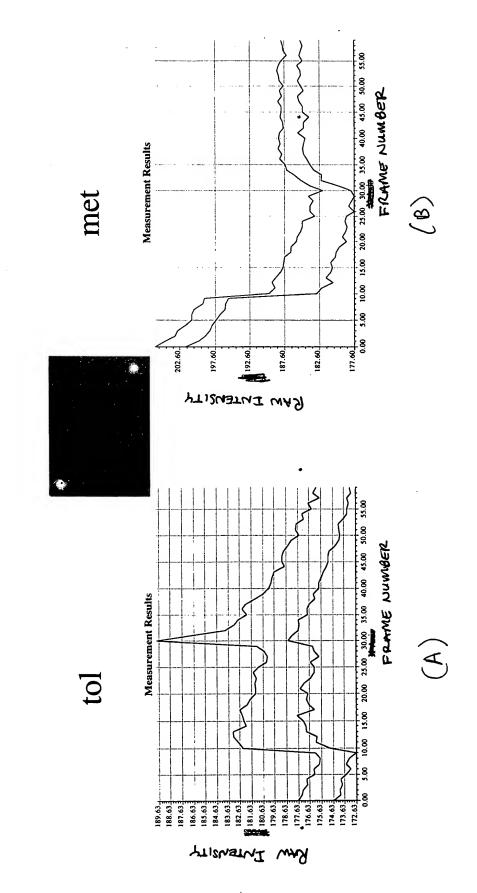
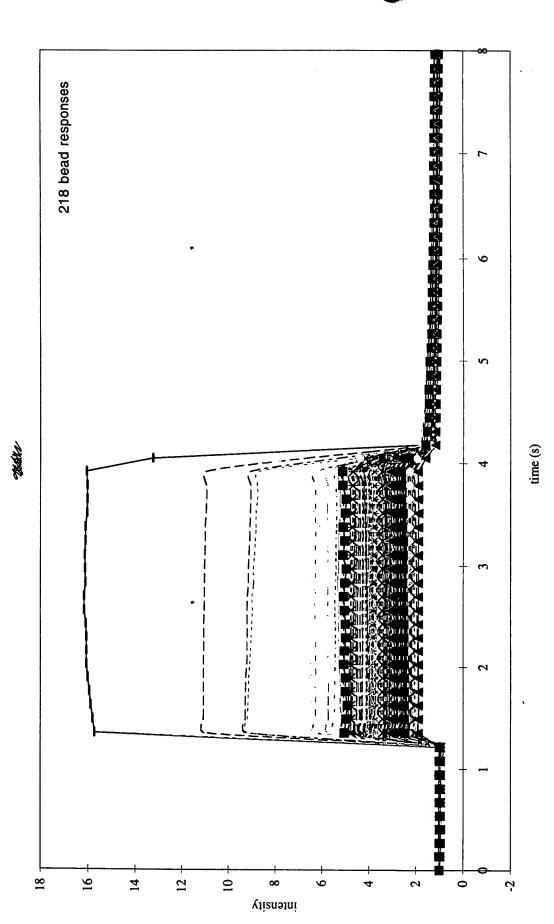


Fig. 13

Porous 3µm silica beads response to Ethyl Acetate



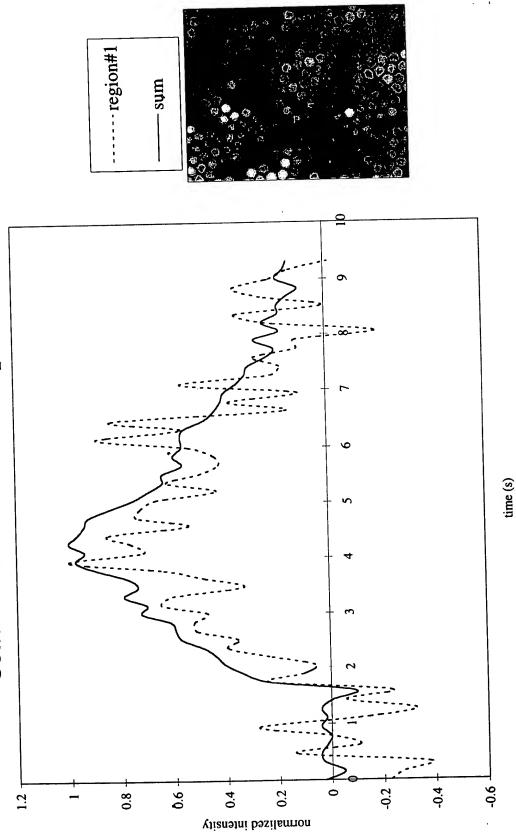








Normalized signal-to-noise comparison between bead #1 and summed responses of 39 beads



Multi-bead Response Summing

Signal Enhancement Through



STATE OF THE PARTY OF THE PARTY

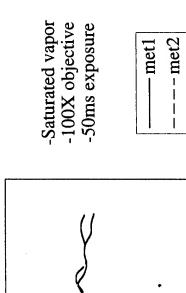


Abram

## "Thick-layer" PS802/Silica 3.2µm Beads

13. P

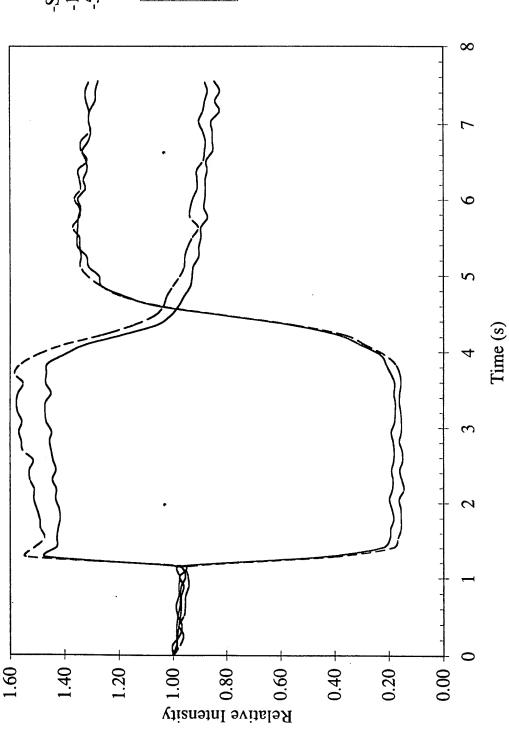
Region 2



-tol1

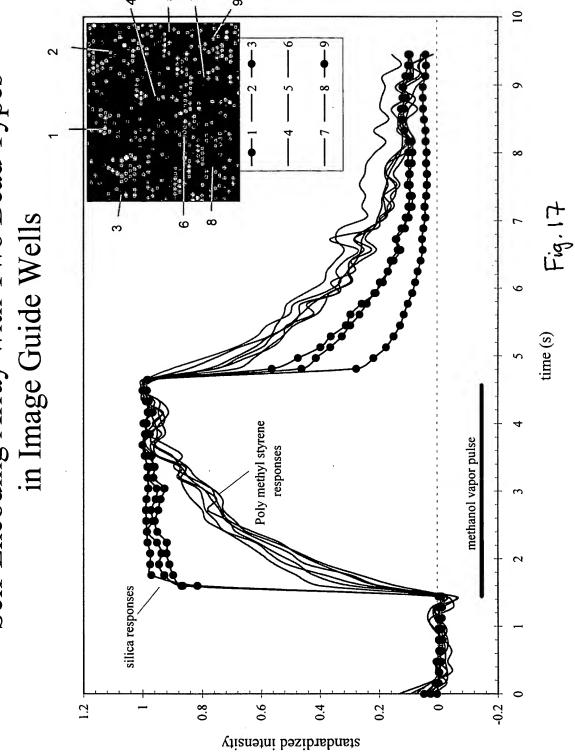
----tol2

260.1A

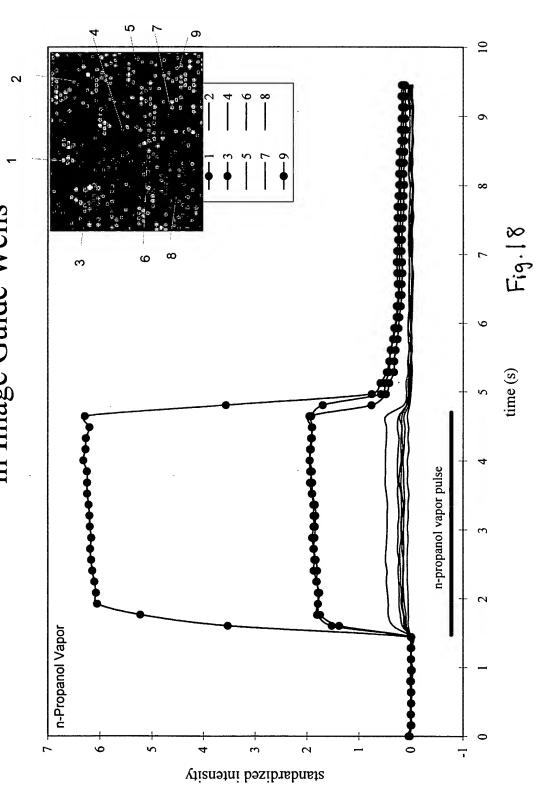




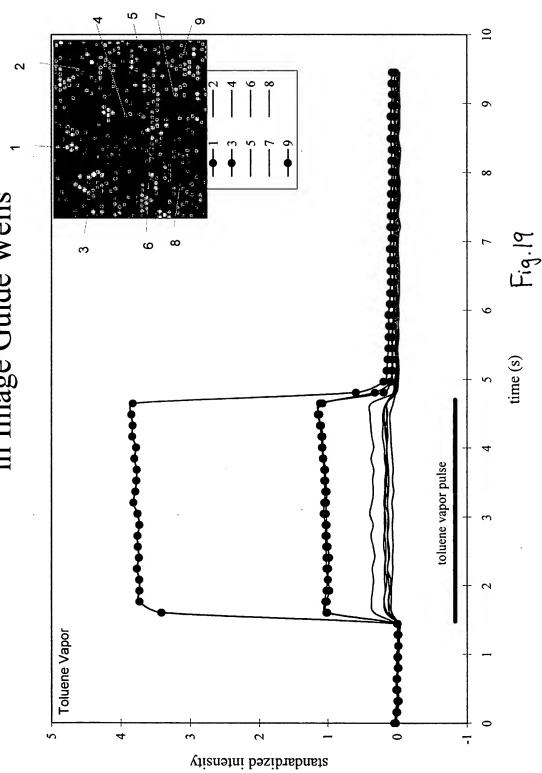
Self-Encoding Array with Two Bead Types in Image Guide Wells



Self-Encoding Array with Two Bead Types in Image Guide Wells



Self-Encoding Array with Two Bead Types in Image Guide Wells



Page '

### Swelling of three different bead types in presence of saturated toluene vapor

in presence of sa
PS802 648.c

Poly methyl styrene/ 2% divinyl benzene



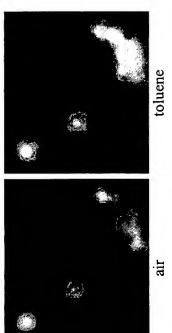


Fig. 20



